

MOA

Short questions answered in one line ...

Can MOA be used as a replacement for the VMware Cold-Clone CD ?

yes - you can. You do NOT need a ESX-enterprise-licence as the Converter Starter Edition is used.

Can MOA be used to run vSphere Client for ESX 4.1 ?

yes - you can

Will the VMware-plugins work with other PEs?

no - MOA does not use any VMware-plugins. Workstation is detected at boot-time by the loader moa.exe.

When moa.exe detects the Workstation-version it installs it on the fly with a speed-install-routine.

Takes a few seconds only.

The following versions are detected in MOA 2.4.1

- WS 5.5.5 - 5.5.8
- WS 6.0.0. - 6.0.5
- WS 6.5.0 - 6.5.4

Why is WS 7 not yet supported ?

Used with a Windows 32bit LiveCD WS 7 does not offer any new features that would compensate for the newly introduced problems.

I expect that situation to change with WS 7.5

Can this LiveCD replace a regular Windows/VMware-installation ?

yes - it can.

Can MOA run VMs stored on the same CD/DVD ?

yes - you can. Obviously you have to handle some limitations as you can not write to the DVD. Anyway - it is possible.

Ask in the forum for in depth instructions

Can MOA run VMs stored on encrypted disks?

yes - you can. MOA works pretty well with truecrypt disks. No need to add anything - Truecrypt is included in the build.

Can MOA run VMs stored on ext2 / ext3 ?

yes - you can. At the moment we are not sure which plugin is the best - so keep updated in the forum.

Can MOA run VMs stored on the network ?

yes - you can

Can MOA boot MOA from USB-stick?

yes - you can ... though you will have more fun if you use a USB-disk

Can MOA boot MOA from iSCSI or network?

yes - you can

MOA

Can MOA run a ESX 3 VM ?

yes - you can. You need a box with VT32 support.

On hosts with 3 Gb of RAM you should be able to run a ESX VM from DVD.

You will need advanced configuration - contact me or ask in the forum.

It should be possible to access local VMFS by mounting local SCSI-disks as rawdisks.

You need updated drivers for handling of typical ESX-server machines.

Can MOA be used to P2V Linux ?

Keep in mind that P2V is a two-steps procedure:

- 1. imaging
- 2. patching

In step 1 you create a diskimage of the system to P2V - in step 2 you patch the OS on that disk to be bootable inside a VM.

As MOA is Windows-based it is useless for step 2 - but step 1 can be done easily.

See the procedure suggested here:

<http://sanbarrow.com/moa-video-vdiskmanager-as-ghost.html>

After you have done this - you need to boot the newly created vmdk into a LiveCD of the Linux-distribution you have on that disk.

Hope to add instructions soon ...

Can MOA be used to P2V FreeBSD ?

Yes - in case you use a generic kernel you can use this procedure:

<http://sanbarrow.com/moa-video-vdiskmanager-as-ghost.html>

After you have done this - you need to boot into single-user mode and edit fstab and network configuration.

Can MOA be used to P2V OpenBSD ?

Yes - in case you use a generic kernel you can use this procedure:

<http://sanbarrow.com/moa-video-vdiskmanager-as-ghost.html>

After you have done this - you need to boot the newly created vmdk into a LiveCD or an OpenBSD-install iso and edit fstab and network configuration.

Can I run a NT4 VM with P2V-assistant 1 ?

Congratulations - you got the idea ;-)

Yes - sure you can do that.

If possible store the VM on USB - otherwise you can run it from network or even from CD - but this requires a large amount of RAM

Can MOA use multiple CPUs?

yes - thanks to cdob from the 911cd-forum for his research.

Default configuration uses uniprocessor kernel - enable SMP-support during setup

How many RAM can be used with MOA ?

MOA

depends on the mainboard of the box you boot: on my HP-notebook I can use 3.5 Gb RAM
- on a DELL server with 32 GB RAM I could only use 3 GB.
You must test yourself ...

What is the minimum RAM required to boot MOA ?

with a CD-based built and cheatcode "shell" you can boot machines with 128 MB RAM
with a USB-based built and cheatcode "remount" you can boot machines with 128 MB RAM into explorer-shell

What is the minimum RAM required to run a VM ?

you will need 512 MB or more to run a VM

Can MOA run Virtual Box ?

yes - you can install it on the fly using a speed-install-batch - takes about 20 seconds

Can MOA run Virtual PC ?

yes - you can install it on the fly

Can MOA run P2V-assistant 2 ?

yes- just install it on the fly - takes a few seconds only

Unique solution ID: #1021

Author: Ulli Hankeln

Last update: 2010-09-28 05:20